TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

ATTORNEY'S DOCKET NUMBER 082368-008100US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **CONCERNING A FILING UNDER 35 U.S.C. 371** 10/580,989 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/JP04/17574 November 26, 2004 November 26, 2003 TITLE OF INVENTION SPECIFIC MARKER LMX1A ON DOPAMINERGIC NEURONS APPLICANT(S) FOR DO/EO/US Yuichi ONO; Yasuko NAKAGAWA; and Tomoya NAKATANI Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a.
is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. c. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. c. \bigsqcup have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. A second copy of the published International Application under 35 U.S.C 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

U.S. APPLICATION NO. (if known, see 37 CF		CFR 1.5)	CFR 1.5) INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER			
10/580,989			PCT/JP2004/017574		082368-008100US			
Other items or information: English translation of the International Preliminary Report on Patentability and Written Opinion; Cited References AA-AG and AI.								
The following fees have been submitted						CALCULATIONS	PTO USE ONLY	
21. Basic national fee (37 CFR 1.492(a))					\$			
22. Examination fee (37 CFR 1.492(c))								
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						\$		
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						\$		
TOTAL OF 21, 22 and 23 =						\$		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets	neets Number of each additional 50 or fraction thereof (round up to a whole number)			RATE			
- 100 = /50 =		x \$250			\$			
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						\$ 130.00		
CLAIMS NUMBER F		ILED	NUMBER EXTRA RATE					
Total claims		- 20 = x \$ 50		\$ 50	\$			
Independent claims		- 3 =		х	\$200	\$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$360	\$		
TOTAL OF ABOVE CALCULATIONS =						\$		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.						\$		
SUBTOTAL =						\$		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						\$		
TOTAL NATIONAL FEE =						\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$		
TOTAL FEES ENCLOSED =						\$ 130.00		
						Amount to be refunded:	\$	
						Amount to be charged:	\$ 130.00	

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 b. Please charge my Deposit Account No. 2 A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to Deposit Account No. 20-1430. A duplic d. Fees are to be charged to a credit card. W 	charge any additional fees which may be req	ver the above fees. uired, or credit any overpayment to ne public. Credit card information				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO: Kevin Bastian TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, CA 94111-3834	/Kevin Bastian/ SIGNATURE Kevin Bastian NAME 34,774 REGISTRATION NUMBER					

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